

Biography of Paul Williams

Paul Williams is regarded as one of the foremost experts on architectural design-level security in the U.S. today. Paul is President and Chief Technology Officer of Gray Hat Research Corporation, a Houston based firm specializing in advanced technology in the areas of computer security, artificial intelligence algorithms, high speed databases, communications, and defense related solutions. Paul has twenty-eight years of breakthrough innovation and invention development across a diverse array of sciences and technologies including astrophysics, computer programming and security, electronics, mechanical engineering, and weapons development.



Until November 2003, Paul was Chief Technology Officer of GalaxyCSI, a Washington, D.C. based company which performed highly classified work for the U.S. Government. Paul was responsible for all technical research and development at the company and served as the technical liaison between the company and its primary customer, the U.S. intelligence community.

Paul works regularly with federal law enforcement as an advisor on some of their toughest cyber crime cases. He is certified by the U.S. National Security Agency (NSA IAM) and is a nationally recognized authority on the white hat side of network security. His research has been widely published and he has been a featured lecturer across the nation, including at the Electric Power and Research Institute (EPRI) in Palo Alto, California, FBI Infragard's Fall Conference security seminar at the University of Houston, Technology Leadership Forums for major Texas cities and the South Carolina Institute for Energy Studies at Clemson University as a guest of retired U.S. Marine Corps Colonel Ed Badolato, EVP of Homeland Security for the Shaw Group.

Previous to his position at GalaxyCSI, Paul founded and built the Enterprise Services Department at Houston-based DYONYX from the ground up into a formidable nationally known industry security presence. Prior to his 15 month career at DYONYX, Paul spent three years at NetIQ Corporation in Houston, where he served as the lead test engineer for NetIQ's leading software products, including the Active Directory Migration Tool (ADMT) which NetIQ developed under contract to Microsoft in 1999-2000. Paul was also the lead test engineer for NetIQ's Rapid Development Team, and served in an advisory role to NetIQ's Security Team. Paul also spent eleven years at Compaq Computer Corporation where he developed numerous breakthrough artificial intelligence algorithms in robotic machine programming and computer vision logic.

As a result of Paul's special skills in the field of computer security, over the years he has collected a wide assortment of hacking tools, worms, Trojan Horses, and computer viruses for advanced research purposes. Paul's personal collection of 22,000 computer viruses and 800 Trojan Horse programs was at one time in 1994 among the largest collections anywhere in the world at the time. He maintains his collection for advanced research purposes to this day.